

AUG - 2 2006

Application No.: 10/019,062

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Attorney Docket No.: 449122020000

REMARKS

Claims 1-14, 16-17 and 19-21 have been amended, and new claim 22 added. No new matter has been added.

The drawings have been objected to in the Office Action as failing to show every feature of the invention specified in the claims; in this case the "recorder" and "transmitter." Applicant's respectfully disagree. There is no requirement that every feature of the claimed invention be illustrated. This would be unduly burdensome to Application. Rather, only essential features necessary to understand the invention must be illustrated. In this case, the recorder and transmitter are essential features, and amendments to the drawings are not necessary at this time.

Claims 4, 6, 7, 12, 14 and 19-21 have been objected to in the Office Action. The claims have been amended accordingly.

Claims 1-21 have been rejected under 35 USC 112, first and second paragraphs. Claims 19 and 20 have been amended accordingly. Support for these amendments may be found, for example, on page 14, lines 4-31 of the originally filed English application.

Claims 1-3, 19 and 21 have been rejected under 35 USC 102(e) as anticipated by Ghaibeh. The rejection is respectfully traversed.

Ghaibeh relates to providing a process through which the transmission of information is realized via virtual ATM connections set up based on the physically underlying transmission medium, the required quality of service, and the ATM service classes agreed to (and thus guaranteed) for each connection. This type of process for the control of access to a shared transmission medium in setting up an ATM connection and maintaining the ATM service class and quality of service were described in the Background of the Invention, on page 2 of the specification, with respect to the document entitled "Novel Algorithm for Time Division Multiple Access in Broadband ISDN Passive Optical Networks." However, Ghaibeh fails to disclose reduction of

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allocated partial transmission resources in such a manner that guaranteed transmission capacities of at least the one connection are provided in part, as required by the claimed invention (as amended).

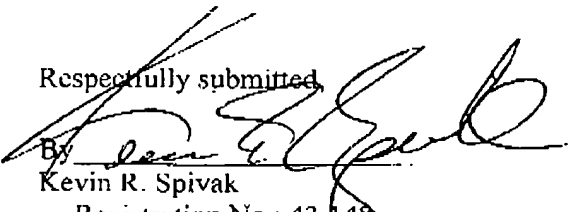
In the invention, allocated partial transmission resources are reduced in such a manner that guaranteed transmission capacities of connections conducted over the individual partial resources or peripheral communication devices are provided in part. Additionally, the claimed invention requires that the quality and/or the transmission properties of the connections conducted over the respective reduced partial transmission resources are determined, where depending on the result of the determination; the extent of the reduced partial transmission resources allocated to each is modified or retained.

The present invention, as noted above, requires a reduction of allocated partial transmission resources in such a manner that guaranteed transmission capacities of at least the one connection are provided in part, is not disclosed by the applied reference.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing Attorney Docket No. 449122020000.

Dated: August 2, 2006

Respectfully submitted,

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